a2

where:

d_o is the diameter of the outlet orifice.

10. (Amended) A nozzle according to claim 1, wherein D_s lies in the range 0.6 mm to 1.4 mm;

a3

where:

D_s is the diameter of the swirling chamber.

a4

15. (Amended) A receptacle according to claim 13, containing a propellant gas constituted by a non-liquefied compressed gas.

Broad warrior

19. (Amended) A receptacle according to claim 14, wherein the mean droplet size of the spray, when the receptacle is full and at 20° C, lies in the range 30 μm to 100 μm.

a5

20. (Amended) A receptacle according to claim 14, wherein the flow rate, when the receptacle is full and at 20° C, lies in the range 0.3 g/s to 1.5 g/s.

21. (Amended) A receptacle according to claim 14, wherein the puff force, measured at 20° C and when the receptacle is full is less than or equal to 0.05 N.

Please add new claims 23-39 as follows:

--23. A nozzle according to claim 3, having two to six channels.--

--24. A nozzle according to claim 3, having four channels.--

--25. A nozzle according to claim 4, wherein the ratio A_p/A_o is less than or equal to 0.3.--

a6

--26. A nozzle according to claim 4, wherein the ratio A_p/A_o lies in the range 0.15 to 0.35.--

--27. A nozzle according to claim 4, wherein the ratio A_p/A_o lies in the range 0.2 to 0.3.--

--28. A nozzle according to claim 5, wherein the ratio $A_p/(D_s.d_o)$ lies in the range 0.1 to 0.15.--

--29. A nozzle according to claim 5, wherein the ratio $A_p/(D_s.d_o)$ lies in the range 0.11 to 0.14.--

--30. A nozzle according to claim 6, wherein the ratio L_s/D_s is less than or equal to 0.15.--

--31. A nozzle according to claim 6, wherein the ratio L_s/D_s lies in the range 0.1 to 0.15.--

--32. A nozzle according to claim 8, wherein d_o lies in the range 0.6 mm to 0.8 mm.--

--33. A nozzle according to claim 10, wherein D_s lies in the range 0.8 mm to 1.2 mm.--

--34. A nozzle according to claim 10, wherein D_s is close to 1 mm.--

--35. A receptacle according to claim 19, wherein the mean droplet size of the spray, when the receptacle is full and at 20° C, lies in the range 40 μm to 100 μm.--

--36. A receptacle according to claim 19, wherein the mean droplet size of the spray, when the receptacle is full and at 20° C, is close to 60 μm.--

--37. A receptacle according to claim 20, wherein the flow rate, when the receptacle is full and at 20° C, lies in the range 0.4 g/s to 1 g/s.--

--38. A receptacle according to claim 21, wherein the puff force, measured at 20° C and when the receptacle is full, is close to 0.025 N.--

~~39. A receptacle according to claim 15, containing compressed air.--~~

Board Decision 11/9/04